



**Elastomeric Material Solutions Division**  
 1100 Governor Lea Road, Bear, DE 19701  
 (302) 834-2100 (302) 834-4021 (Fax)  
 www.rogerscorp.com/aron

PRODUCT INFORMATION SHEET	
<b>ARLON® Product Number</b>	51970R015

PRODUCT DESCRIPTION			
<b>Design / Construction</b>			
<b>Side 1 Interleave:</b>	0.0025" polyethylene		
<b>Side 1:</b>	Uncured Silicone Rubber		
<b>Substrate:</b>	Style 7628 fiberglass		
<b>Rubber Add-On Thickness</b>		<b>Value</b>	<b>Method</b>
<b>Side 1:</b>		0.007"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>		0.015"	Arlon SQA-TMS-003
<b>Product Color:</b>	Red		
TYPICAL PROPERTIES			
<b>Silicone Properties</b>		<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b>	psi	794	Arlon SQA-TMS-008
<b>Elongation</b>	%	778	Arlon SQA-TMS-008
<b>Durometer</b>	Shore A Points	33	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.34	Arlon SQA-TMS-024
<b>Substrate Properties</b>		<b>Value</b>	<b>Method</b>
<b>Thickness</b>		0.008"	Arlon SQA-TMS-003
<b>Color</b>		Red	N/A
<b>Product Properties</b>		<b>Value</b>	<b>Method</b>
<b>Bond Strength (S1 to S1)</b>	lb/in	5.3	Arlon SQA-TMS-011
<b>Flame Resistance</b>	UL94	V-0	Arlon SQA-TMS-019
<b>Total Product Weight</b>	oz/yd <sup>2</sup>	16.7	Arlon SQA-TMS-025
SHELF LIFE & PROCESSING RECOMMENDATIONS			
<b>Product Shelf Life</b>	6 months from date of manufacture @70°F		
	<i>Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.</i>		
<b>Recommended Cure Cycle</b>	15 minutes @ 350°F and 50 psi		
<b>Recommended Post Cure Cycle</b>	400°F for 2 hours		
<b>Product Operating Temperature</b>	-70°F to 428°F		

The data presented in this document represents typical values for the production material. Typical values should not be used for specification limits. Please verify that any printed hard copy of this datasheet is current by referencing: [www.rogerscorp.com/aron](http://www.rogerscorp.com/aron)

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